



DEOTEC LE SYNTHETIC / SEMI SYNTHETIC

PRODUCT DESCRIPTION:

DEOTEC LE is a synthetic, extra high-performance "low SAPS" diesel engine oil designed to protect high-performance diesel engines operating under severe service conditions. This oil meets the latest heavy-duty truck OEM specifications required for engines compliant with the EU Euro VI emission standards. It is highly recommended for EGR diesel engines equipped with advanced after-treatment systems, including Diesel Particulate Filters (DPFs) and SCR NOx reduction systems.

APPLICATION:

It is intended to be used for naturally aspirated and turbo-charged diesel powered equipment, modern heavy-duty engines including those fitted with DPF (Diesel Particulate Filter), on-highway light and heavy-duty trucking and off-highway modern equipment.

FEATURES & BENEFITS:

- Protection against oil thickening, high temperature deposits, sludge build-up and, oil degradation
- Provides long drain intervals
- Excellent anti-wear, anti-scurf properties and bore polishing and corrosion protection.
- Stay-in-grade shear stability. Very low volatility
- Helps to reduce viscosity breakdown and oil consumption under heavy duty, high temperature operating conditions
- Low ash, Sulfur and phosphorous levels
- Helps to protect exhaust systems devices like those fitted with DPF
- Excellent low temperature properties
- Cold start-up wear protection

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- API CI-4
- ACEA E6/E8
- Daimler MB 15C110/226.9
- MAN M3477/M3271-1
- Volvo VDS-3
- Renault RLD2/RXD/RGD
- MTU Type 3.1
- DAF Meet Requirements
- DEUTZ DQC III-10 LA
- Cummins CES 20076/77
- MACK EO-N
- JASO DH-2
- Voith Class B

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	DEOTEC LE		
			5W-30	10W-30	10W-40
Grade					
Kinematic Viscosity @ 104°F /40°C	D7042	cSt	TBR	TBR	TBR
Kinematic Viscosity @ 212°F /100°C	D7042	cSt	11.9	11.8	15.2
Viscosity Index (min)	D2270	-	136	145	145
Density@15°C/ 60°F	D4052	g/cm ³	TBR	TBR	TBR
Flash Point (min)	D92	°C	220	220	220
Pour Point (max)	D97	°C	-39	-36	-36
TBN	D2896	mg KOH/g	10	10	10
CCS	D5293	m.Pa.S	<6600 (-30°C)	<7000 (-25°C)	<7000 (-25°C)

DISCLAIMER: The test data provided above is for reference purposes and is not a strict specification, as variations within acceptable production tolerances may occur. Phoenix reserves the right to update or revise this test data. For the most accurate and up-to-date information, please consult the latest version of this Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website Phoenixlubricants.com